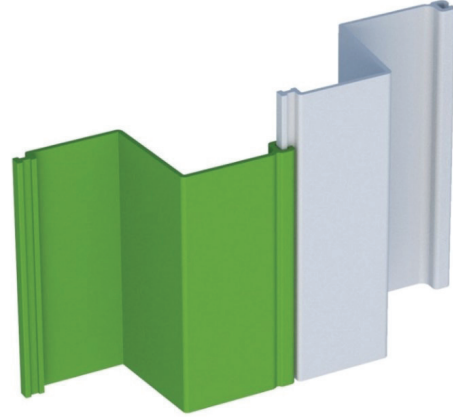
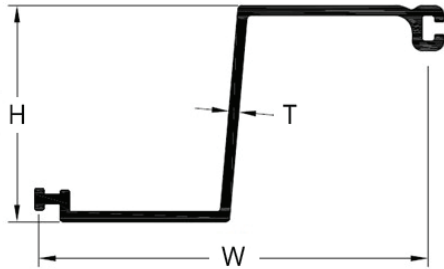


ESC-GW458-12.0 VINYL Z PROFILE



	IMPERIAL		METRIC	
	UNIT	VALUE	UNIT	VALUE
Section width (W)	in	18	mm	458
Section depth (H)	in	10	mm	254
Thickness (T)	in	0.47	mm	12
Cross-section area	in ²	15.2	cm ²	97.8
Section modulus	in ³ /ft	31.9	cm ³ /m	1717
Moment of inertia	in ⁴ /ft	168	cm ⁴ /m	22937
Allowable moment	ft-kips/ft	8.5	kNm/m	37.8
Ultimate moment	ft-kips/ft	17	kNm/m	75.5
Ultimate stiffness	ibf-in ² *10 ⁶ /ft	63.3	kNm ² /m	596.4
Impact strength Charpy test	ft-lbs/ft ²	≥ 14.3	kJ/m ²	≥30
Weight Per Pile	lb/ft	9.48	kg/m	14.1
Weight Per Wall	lb/ft ²	6.3	kg/m ²	30.7

*Safety factor = 2

Tolerance in accordance with the State technical assessment.

ESC STEEL LLC



Pietrucha ESC Inc.

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